

# South Dakota Weekly Crop Weather Report

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Cooperating with:  
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AGRICULTURAL EXTENSION SERVICE and  
U.S. DEPARTMENT OF AGRICULTURE  
FARM SERVICE AGENCY

## AGRICULTURAL SUMMARY

Widespread rain, thunderstorms and winds continued again last week. There was much-needed sunshine in some areas, aiding in the drying of fields and continued crop development. These varying conditions left an average of 3.7 days suitable for fieldwork for the week ending June 27. Field pests continue to increase in parts of the state as the grasshopper, weevil, looper, and caterpillars return. Planting is winding down with spraying now taking over. Farm activities focused on finishing sorghum and sunflower planting, as well as harvesting hay and spraying.

This report was based on information from county extension educators, Farm Service Agency county directors, and other reporters across the state.

## WEATHER INFORMATION

More water and excessively wet conditions are the continued issue across the state, according to the State Climate Office of South Dakota. Heavy precipitation fell in a band from northwest to southeast across the state during the week with wider spread precipitation in the southeast quarter. Many of these storms also produced hail and wind damage across the state.

Several stations reported 2-3 inches or more of rainfall. Milesville reported the highest total at 4.24 inches; Pickstown reported the least at 0.21 inches. Most of the state has received well above average precipitation totals for the growing season with most stations at least 2 inches above to as much as 10.46 inches above normal. A few stations in the north and south central in contrast have precipitation deficits close to one half an inch during that same time.

Temperatures were warmer than average statewide by 1-5° F except for a few stations across this west which were slightly below average. Yankton and Pickstown reported the highs for the week at 98° F; Porcupine reported the low at 40° F.

## SOIL CONDITION

Topsoil was rated at 98 percent having adequate to surplus moisture, an increase of 1 percentage point from the previous week and a 30 points increase over the previous year. Subsoil moisture was 97 percent adequate to surplus, equal to the previous week and 27 points above the previous year.

## FIELD CROPS REPORT

South Dakota continues to wait for better weather conditions to further crop development. Average corn height is 23 inches which made good progress from last week's at 14 inches and 2 inches above the five-year average. Soybeans are 98 percent planted, 4 percent above the previous week and 1 point behind the five-year average. Spring wheat is making progress, now at 88 percent boot, which is 2 points behind the previous year and 5 points behind the five-year average. Winter wheat is continuing to develop and is now 95 percent headed, consistent with the previous year and 2 points behind the five-year average.

## LIVESTOCK, PASTURE, AND RANGE REPORT

Pasture conditions continue to stay mostly good to excellent around the state being reported at 90 percent, with some pastures continuing to have standing water. Pasture conditions are up 20 percentage points from the five-year average. Cattle are rated 92 percent in the good to excellent condition. Sheep are rated 86 percent in the good to excellent condition, down 5 percent from the five-year average. Feed supplies are rated at 98 percent adequate to surplus, up 2 points from last year.

## Feed and Water Supplies Comparison as of June 27, 2010

Rating	Feed Supplies			Stock Water Supplies		
	This Week	Last Year	5 Yr. Avg.	This Week	Last Year	5 Yr. Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Very Short	0	2	3	0	0	7
Short	2	6	11	2	4	12
Adequate	86	85	78	61	88	71
Surplus	12	7	8	37	8	10

## Soil Moisture Condition Comparison as of June 27, 2010

Rating	Topsoil			Subsoil		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Very Short	0	1	4	1	1	3
Short	2	2	28	2	2	27
Adequate	56	52	63	57	54	66
Surplus	42	45	5	40	43	4

## Crop and Livestock Conditions as of June 27, 2010

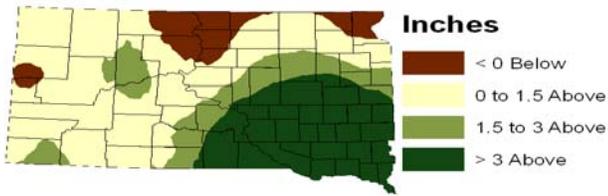
Item	V Poor	Poor	Fair	Good	Excel
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Winter Wheat	0	1	11	59	29
Spring Wheat	0	2	20	62	16
Barley	0	1	20	69	10
Oats	0	1	10	72	17
Corn	1	5	20	56	18
Soybeans	2	8	19	54	17
Sorghum	0	0	8	71	21
Sunflower	0	0	22	61	17
Alfalfa	0	4	15	69	12
Cattle	0	0	8	74	18
Sheep	0	0	14	67	19
Range & Pasture	0	2	8	61	29

## Crop Progress as of June 27, 2010 <sup>1</sup>

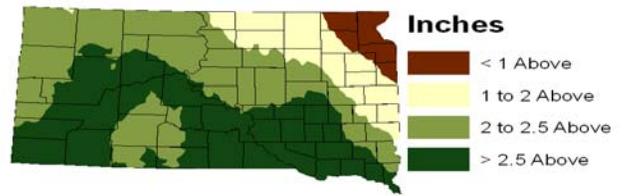
Item	This Week	Last Week	Last Year	5-Yr Avg.
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
<b>Winter Wheat</b>				
Headed	95	90	95	97
Turning Color	40	14	22	45
<b>Barley</b>				
Boot	94	78	86	89
Headed	42	19	60	56
Turning Color	0	0	1	3
<b>Oats</b>				
Boot	88	75	91	92
Headed	64	42	59	61
Turning Color	12	2	0	6
<b>Spring Wheat</b>				
Boot	88	79	90	93
Headed	60	36	55	65
Turning Color	2	0	1	5
<b>Corn</b>				
Ave. Height (in.)	23	14	15	21
1st cult./spray	85	74	79	88
2nd cult./spray	25	15	17	30
<b>Soybeans</b>				
Planted	98	94	99	99
Emerged	94	81	97	95
Blooming	2	0	2	3
<b>Sorghum</b>				
Planted	98	94	96	96
Emerged	85	64	83	83
<b>Sunflower</b>				
Planted	82	73	92	91
<b>Alfalfa</b>				
1st Cutting	57	45	73	72
2nd Cutting	4	0	1	4
<b>Other Hay</b>				
Cut	30	17	27	35

<sup>1</sup> Percents represent all acreage in or beyond each stage.

PAST 30 DAYS  
Accumulated Precip Deviation from Average  
From May 29 to June 27, 2010



GROWING SEASON  
Accumulated Precip Deviation from Average  
From April 1 to June 27, 2010



**TEMPERATURE, PRECIPITATION, and GROWING DEGREE DAYS**  
Week Ending Sunday, June 27, 2010

District And Station	Temperatures Past Week				Precipitation					Growing Degree Days	
	Average	Departure From Normal	High	Low	Total			Departure From Normal		Total	Departure From Normal
					Current Week	Since Oct. 1	Since Apr. 1	Since Oct. 1	Since Apr. 1		
	<i>Degrees</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>		
<b>Northwest</b>											
Bison	69	1	88	53	1.41	15.77	9.84	3.28	2.35	778	-43
Buffalo	68	2	86	51	1.53	11.22	8.08	0.33	0.95	675	-47
Dupree	71	2	89	55	2.21	20.69	16.02	8.26	8.05	853	11
McIntosh	69	1	90	53	0.61	12.22	6.06	1.31	-0.93	750	-92
Newell	68	-1	86	50	0.58	12.84	8.87	1.54	1.66	687	-115
Timber Lake	71	2	90	55	0.54	13.72	8.04	1.02	0.30	855	35
<b>North Central</b>											
Aberdeen	72	4	87	56	1.84	21.53	13.06	8.78	5.37	956	105
Faulkton	72	3	88	56	0.68	18.18	7.92	5.12	0.32	911	56
Mobridge	73	4	91	57	1.24	14.82	7.90	2.54	3.64	885	50
Roscoe	72	5	88	57	0.96	19.53	10.02	6.40	1.84	888	133
<b>Northeast</b>											
Britton	72	4	85	56	0.59	16.64	6.75	4.01	-0.92	945	90
Clear Lake	70	2	85	56	2.71	26.36	10.92	10.02	1.56	919	164
Sisseton	72	3	86	58	0.87	22.51	8.30	8.43	-0.19	958	125
Watertown	70	3	86	53	1.48	19.59	9.01	5.81	0.80	890	157
Webster	71	3	86	58	1.29	18.95	8.32	5.92	0.73	912	144
<b>West Central</b>											
Faith	69	-1	87	54	2.21	14.65	10.56	2.47	3.09	830	-43
Milesville	71	1	87	57	4.24	20.70	11.93	7.58	4.12	898	-15
Philip	72	2	88	56	1.63	14.73	8.72	2.98	1.19	890	-34
Rapid City	68	1	84	52	1.68	16.97	13.51	5.29	6.08	704	-39
Spearfish	69	1	85	46	0.69	16.25	8.73	0.26	-0.80	787	36
<b>Central</b>											
Chamberlain	75	5	89	59	0.62	20.78	12.58	5.92	3.47	990	93
Highmore	71	2	85	56	0.89	16.54	8.31	4.45	1.11	839	-25
Huron	73	3	88	58	3.05	22.77	13.67	8.91	5.41	1,023	129
Onida	70	1	86	54	1.55	17.92	10.09	4.74	2.49	840	-26
Pierre	72	1	88	55	1.35	19.56	10.87	6.16	2.54	915	-35
<b>East Central</b>											
Brookings	71	2	87	54	3.37	23.23	13.48	9.34	4.66	927	141
Forestburg	74	2	90	58	3.98	25.46	15.32	10.46	6.32	1,075	71
Madison	70	2	88	56	1.92	20.03	10.71	4.10	1.37	910	126
Mitchell	76	5	94	58	1.32	22.94	12.84	7.64	3.61	1,125	189
Sioux Falls	72	3	89	54	3.53	24.03	12.75	8.17	3.53	1,016	115
<b>Southwest</b>											
Custer	62	0	83	45	0.72	12.58	9.03	-0.42	0.78	429	-130
Hot Springs	68	0	85	49	0.72	20.92	15.13	9.53	7.61	799	-99
Oelrichs	71	2	88	51	0.77	18.91	12.77	7.01	5.13	805	-85
Porcupine	65	-4	89	40	0.39	19.86	10.10	8.19	2.71	780	-79
<b>South Central</b>											
Kennebec	74	2	88	55	2.23	19.37	11.76	7.27	3.98	1,068	4
Mission	73	3	91	54	1.36	16.89	9.53	3.58	0.92	874	53
Murdo	73	3	88	57	1.28	18.52	9.96	4.75	1.74	926	49
Winner	72	-1	89	54	0.61	16.98	9.76	-0.02	-0.84	960	-112
<b>Southeast</b>											
Academy	74	4	92	56	0.83	16.08	8.90	0.72	-0.60	953	87
Centerville	74	2	92	56	1.71	15.72	6.35	-0.28	4.03	1,100	113
Pickstown	76	4	98	60	0.21	17.08	8.84	1.59	-0.80	960	-17
Vermillion	77	3	93	56	2.35	20.95	10.97	4.58	1.22	1,243	87
Yankton	75	3	98	56	1.89	25.29	12.81	9.02	2.88	1,130	136

DATA AND MAP SOURCE: State Climate Office of South Dakota